

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

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Claims 1-47 (Canceled)

Claim 48 (Currently Amended): A method of identifying a chemical which specifically binds to a polypeptide, the method comprising:

exposing to at least one chemical under conditions permitting interaction therewith a purified polypeptide comprising an amino acid sequence of SEQ ID NO:2; and

identifying the chemical specifically binding to the polypeptide, wherein the polypeptide has at least one biological activity of a GABA B receptor.

Claims 49-55 (Canceled)

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